

October 15, 2012

Project No. 10627.003.0

Ms. Chand Sultana  
California Environmental Protection Agency  
Department of Toxic Substances Control  
9211 Oakdale Avenue  
Chatsworth, California 91311

**Re: Quarterly Summary Report  
Third Quarter 2012  
Alcoa Cast Plate Division Site  
3200 Fruitland Avenue, Vernon, California  
Docket No. HAS-CO 09/10-121**

Dear Ms. Sultana:

Pursuant to the July 6, 2010, Imminent and Substantial Endangerment Determination and Consent Order (Order) between the California Department of Toxic Substances Control (DTSC) and Pechiney Cast Plate, Inc. (Pechiney; the Respondent), this quarterly summary report is hereby submitted by AMEC Environment & Infrastructure, Inc. (AMEC), on behalf of the Respondent. As specified in the Order, this report provides a summary of the activities performed during the reporting period of July 1, 2012, through September 30, 2012 (third quarter 2012), and for the other elements outlined in Section 6.3 of the Order for the property located at 3200 Fruitland Avenue in Vernon, California (site). A summary of the activities conducted during the reporting period and for the elements outlined in the Order is provided below.

**Tasks Completed During the Reporting Period (Third Quarter 2012)**

- Submitted the final June 2012 Remedial Action Plan (RAP) to DTSC on July 25, 2012. The RAP was finalized pursuant to the DTSC's June 28, 2012 approval letter.
- Received and responded to City of Vernon's Community Services & Water Departments (Community Services) comments to the Grading Plan and drainage report as follows:
  - Responded to Community Services June 18, 2012 and June 26, 2012 comments to the Grading Plan and submitted a revised Grading Plan to Community Services on July 9, 2012 (documents dated July 8, 2012).
  - Received additional comments to the July 8, 2012 Grading Plan from Community Services on July 19, 2012. A response to the comments and a revised Grading Plan was submitted to Community Services on July 30, 2012 (letter dated July 27, 2012).
  - Received additional comments to the revised July 27, 2012 Grading Plan from Community Services on August 9, 2012. A response to the additional comments

and a revised Grading Plan was submitted to Community Services on August 16, 2012.

- Met with Community Services on August 16, 2012 to discuss the Grading Plan in an effort to expedite the review process. Based on the meeting, a final revised version of the Grading Plan was submitted to Community Services on August 20, 2012. Community Services acknowledged receipt of the final corrections to the Grading Plan and indicated that the plan was acceptable as the final on August 20, 2012.
- Submitted a revised Below Grade Demolition Plan (Plan) to the City of Vernon's Community Services on July 18, 2012. The Plan was revised based on Community Services July 12, 2012 request.
- Submitted a revised polychlorinated biphenyl (PCB) post excavation cleanup verification sampling approach for meeting the remediation goals by depth to U.S. Environmental Protection Agency (U.S. EPA). The sampling approach was submitted to U.S. EPA pursuant to its July 1, 2012 conditional approval letter (Condition A.2.a).
- Submitted well permit applications to the City of Vernon's Environmental Health Department (EHD) on August 2, 2012 for the installation of a groundwater monitoring well and the soil vapor extraction (SVE) wells to be installed at depths greater than 50 feet. AMEC received EHD's approval of the permits on August 8, 2012.
- Submitted a power drop permit application to City of Vernon's Community Services on August 15, 2012 for the installation of power services for the operation of the SVE systems at the site. American Integrated Services, Inc. (AIS) received the approved permit on the same day of submission.
- Received the City of Vernon's Community Services August 20, 2012 letter outlining the City's request for additional revisions to the July 18, 2012 Revised Below Grade Plan (Plan). In response to Community Services request, a revised Plan (revision date of August 31, 2012) and a response to comments was submitted to the City on September 3, 2012.
- Provided schedule updates to DTSC regarding permitting and the implementation of the SVE and SVE/Bioventing remedy for the site. The implementation of the SVE and SVE/Bioventing remedy was accelerated due to a delay with the issuance of the City of Vernon's Community Services building permit for the below-grade demolition work.
- Submitted a letter to the City of Vernon's EHD outlining the commencement schedule for the implementation the SVE and SVE/Bioventing elements of the June 2012 RAP on August 30, 2012. A copy of the letter was submitted to DTSC.
- Submitted SVE well screen modifications for the Phase I area to DTSC on September 27, 2012. Because the SVE work was beginning before the implementation of the below

grade demolition and soil removal work, minor modifications to the SVE wells and well screen intervals were made to accelerate the remediation of soil impacted with volatile organic compounds in the Phase I area of the site. The modifications were consistent with the overall approach/intent of the remedy outlined in the approved June 2012 RAP.

- Began installation of the SVE/Bioventing wells in the Phase III/IV areas on September 27, 2012 as outlined in June 2012 RAP.

### **Results of Sampling and Significant Findings Obtained During the Reporting Period**

No sampling or significant findings to report for the reporting period.

### **Tasks Anticipated During the Current Reporting Period (Fourth Quarter 2012 – October 1 through December 31)**

- Completion of the installation of the SVE and SVE/Bioventing wells in the Phase III/IV and Phase I areas of the site.
- Completion of the installation of the associated SVE piping and treatment systems, with both systems anticipated to be operational by the end of November 2012.
- Commencement of the SVE systems startup testing in December 2012 and SVE systems operation, maintenance, and monitoring (OMM).
- Installation of the groundwater monitoring well (AOW-10) and collection of the initial round of groundwater samples as outlined in the June 2012 RAP.
- Issuance of the City of Vernon's Community Services building permit for the below-grade demolition work.<sup>1</sup> Due to timing, the below-grade demolition and soil removal work will be deferred to 2013 to avoid inclement weather conditions.

### **Tasks Planned for the Next Reporting Period (First Quarter 2013 – January 1 through March 31)**

- Continue SVE and SVE/Bioventing OMM and reporting.
- Begin quarterly groundwater monitoring and reporting.
- Begin the below-grade demolition work and implementation of the soil removal work outlined in the June 2012 RAP.<sup>1</sup>

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<sup>1</sup> This task is dependent on the City of Vernon's Community Services issuance of the building permit and confirmation from City of Vernon Environmental Health Department that it does not object to the implementation of the RAP.

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### **Tasks Not Completed or Anticipated Problems in Complying with the Order**

Although U.S. EPA issued its approval of the proposed polychlorinated biphenyl (PCB) remediation goals and on-site disposal of PCB-impacted soil and concrete as described in the RAP and Application, and DTSC issued its final approval of the FS and RAP, the building permit for the below grade demolition work is pending issuance from the City of Vernon's Community Services. Therefore, the submittal of the final schedule as outlined in Section 5.2.2 of the Order will be submitted to DTSC once the City of Vernon's Community Services issues the building permit for the below grade demolition work.

If you have any questions or need any additional information, please call me at (949) 642-0245.

Sincerely yours,  
AMEC



Linda Conlan, PG  
Principal Geologist

cc: William Adams, Pechiney  
Gerald Pepper, Rio Tinto AUM Company  
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Leonard Grossberg, City of Vernon Environmental Health Department  
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